FORM PTO-1390 (Modified) U.S. PATENT AND TRAS RK OFFICE; U.S. DEPARTMENT OF COMMERCE

# TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

EY'S DOCKET NUMBER

PC'd PCT/PTO 13 OCT 2005

10/527,643

267275US0PCT

INTERNATIONAL APPLICATION NO. PCT/JP03/11733

INTERNATIONAL FILING DATE 12 September 2003

PRIORITY DATE CLAIMED 12 September 2002

TITLE OF INVENTION

ARAH STHP PLI

SOQ	UINC	DLINE DERIVATIVES HAVING KINASAE INHIBITORY ACTIVITY AND DRUGS CONTAINING THE SAME TO THE
		I(S) FOR DO/EO/US IWAKUBO et al.
pplica	ant he	erewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:
1.		This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.
1. 2.		This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.		The US has been elected (Article 31).
5.		A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
		a.  is attached hereto (required only if not communicated by the International Bureau).
		b.  has been communicated by the International Bureau.
		c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.	$\boxtimes$	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
		a. 🛛 is attached hereto.
		b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
		a.   are attached hereto (required only if not communicated by the International Bureau).
		b.  have been communicated by the International Bureau.
		c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.
		d. $\square$ have not been made and will not be made.
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.		A copy of the International Search Report (PCT/ISA/210).
Ite	ms 1	3 to 23 below concern document(s) or information included:
13.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.	$\boxtimes$	A FIRST preliminary amendment.
16.		A SECOND or SUBSEQUENT preliminary amendment.
17.		A substitute specification.
18.	$\boxtimes$	A power of attorney and/or change of address letter.
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22.		Express Mail Label No.
23.	$\boxtimes$	Other items or information:
		Supplemental Application Data Sheet Response to Notice of Missing Requirement Under 35 U.S.C 371 Copy of Notification of Missing Requirements

PTO-1390 (Rev. 02-2005)

Applied for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5)  10/527,643			INTERNATIONAL APPLICATION NO.			ON NO.	ATTORNEY'S DOCKET NUMBER		
	PCT/JP03/11733				267275US0PCT				
The following fees are submitted:							CALCULATIONS	PTO USE	
24. Basic na	ational fee	\$300	\$ \$0.00						
If International presatisfy provisions	of PCT Article 33	(1)-(4)	pared by USPTO and			\$100	\$ \$0.00		
Search fee (37 C) the USPTO as an International Sea	FR 1.445(a)(2)) had International Search Report prepare	s been paid or rching Author ed and provide	n the international ap ity	plicat	tion to	\$100 \$400	\$ \$400.00		
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Additional fe sequence lis \$250 for each	e for specification ting or computer p h additional 50 sh	and drawings program listing eets of paper	filed in paper over 10 filed in an electronic or fraction thereof.	medi	eers ( ium).				
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- 100 =	0 /50 =		0		x	\$250.00	\$ \$0.00		
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CLAIMS	NUMBER F	ILED 1	NUMBER EXTRA		RA	TE			
Total claims	14	- 20 =	0	x		\$50.00	\$ \$0.00		
Independent clair	ns 1	- 3=	0	х		\$200.00	\$ \$0.00		
MULTIPLE DEPE	NDENT CLAIMS	(if applicable)		+		\$360.00	\$ \$0.00		
		TOTA	AL OF ABOVE CA	ALC	ULA	TIONS =	\$ \$0.00		
		tatus. See 37	CFR 1.27. The fees i	ndica	ited a	bove are	\$ \$0.00		
reduced by	1/2.			5	SUB	TOTAL =	\$ \$0.00		
Processing fee o	f \$130.00 for furni ed priority date (3	shing the Eng	lish translation later the	nan 3	0 mo	nths from	\$ \$0.00		
the earliest claim	led priority date (s	57 CFK 1.492		TAI	ION	AL FEE =	\$ \$0.00		
Fee for recording accompanied by	the enclosed ass	ignment (37 0 ver sheet (37	CFR 1.21(h)). The as CFR 3.28, 3.31). \$40	signn ) per	nent r prop	must be erty +	\$ \$0.00		
			TOTAL FE				\$ \$0.00		
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b.  Please	charge my Deposi			in the	e amo	ount of	to cov	er the above fees.	
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d. 🔀 Fees at inform	re to be charged to ation should not	a credit card be included	. WARNING: Informa on this form. Provide	tion c	on this lit car	d information	pecome public. Credit on and authorization on l	PTO-2038.	
NOTE: Where must be filed a	an appropriate ti nd granted to res	me limit unde tore the Inter	er 37 CFR 1.495 has rnational Application	not b	een endi	met, a petit ng status.	ion to revive (37 CFR	1.137(a) or (b))	
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		Surinder	Sachar			NAME			
	Re	gistration	No. 34,423			24,618			
1			•			REGISTRA	TION NUMBER		

Docket No.

267275US0PCT

IN RE APPLICATION OF: Masayuki IWAKUBO, et al.

SERIAL NO: 10/527,643

FILED:

March 14, 2005

FOR:

ISOQUINOLINE DERIVATIVES HAVING KINASAE INHIBITORY ACTIVITY AND DRUGS CONTAINING

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required

☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.

Additional documents filed herewith:

English Translation of Specification/Preliminary Amendment/Declaration Supplemental Application Data Sheet/Copy of Notification of Missing Requirements

Response to Notice of Missing Requirement Under 35 U.S.C 371

PCT Transmittal Letter (2<sup>nd</sup> submission)

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS		RATE		CALCULATIONS
TOTAL	14	MINUS	20	0	х	\$50	=	\$0.00
INDEPENDENT	-1	MINUS	3	0	х	\$200	=	\$0.00
		☐ MULTIPLE DEPENDENT CLAIMS +					=	\$0.00
		TOTAL OF ABOVE CALCULATIONS						\$0.00
		☐ Reduction by 50% for filing by Small Entity						\$0.00
h, •		☐ Recordatio	n of Assignment		+	\$40	=	\$0.00
						TOT	AL	\$0.00

	Αc	heck	in th	e amou	ınt of	\$0.00	is	attached.
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- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

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Customer Number

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Surinder Sachar

Registration No. 34,423



OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.





#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Sox 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO. 267275US0PCT

10/527,643

Masayuki Iwakubo

INTERNATIONAL APPLICATION NO.

PCT/JP03/11733

I.A. FILING DATE

PRIORITY DATE

09/12/2003

09/12/2002

**CONFIRMATION NO. 7111 371 FORMALITIES LETTER** 

OC000000016943149

ET

22850

Date Mailed: 09/15/2005

1940 DUKE STREET ALEXANDRIA, VA 22314

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/14/2005
- Copy of the International Search Report filed on 03/14/2005
- Information Disclosure Statements filed on 03/14/2005
- Request for Immediate Examination filed on 03/14/2005
- U.S. Basic National Fees filed on 03/14/2005
- Priority Documents filed on 03/14/2005

RECEIVED: \_ OBLON, SPIVAK, McCLELLAND MAIER & NEUSTADT, P.C.

DOCKETING DEP

Initials/Date Docketed: \_\_\_\_\_\_ Type of Resp(s): \_\_\_\_\_\_\_\_\_

Due Datc(s): \_

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)



A copy of this notice **MUST** be returned with the response.

## FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

## PART 1 - ATTORNEY/APPLICANT COPY

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/527,643	РСТ/ЈР03/11733	267275US0PCT

FORM PCT/DO/EO/905 (371 Formalities Notice)



13 OCT 2005

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masayuki IWAKUBO et al.

SERIAL NUMBER: 10/527,643

FILED: March 14, 2005

FOR: ISOQUINOLINE DERIVATIVES HAVING KINASAE INHIBITORY ACTIVITY

AND DRUGS CONTAINING THE SAME

#### RESPONSE TO NOTICE OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371

COMMISSIONER FOR PATENTS Box PCT Alexandria, VA 22313

SIR:

Responsive to the notification dated September 15, 2005, and in accordance with the provisions of 35 U.S.C. 371, Applicants submit herewith an English translation, a Rule 63 Declaration, a Supplemental Application Data Sheet, and a Preliminary Amendment. As a result of the Preliminary Amendment, no multiple dependencies remain in the claims.

In light of the foregoing, this application is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

Our payment in the amount of \$-0.00- is attached hereto. If any variance exists between the amount enclosed and the required Government fee, please charge or credit the difference to our Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136 and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,

MAIER & NEUSTADT, P.C.

Customer Number 22850

Norman F. Oblon Attorney of Record Registration No. 24,618

Surinder Sachar

Registration No. 34,423

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